Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 22 Feb 2021 until 23:59 on Tuesday 23 Feb 2021

Forecast Issued on Monday 22 Feb 2021 at 02:17

Confidence: Low for timing of clearance and amounts of rain on Monday, but high for drier and very windy conditions on Tuesday. Low from Wednesday onwards for position of rain areas across the UK.

Headline for Monday 22 Feb 2021: Rain in morning, some heavy, but becoming drier and brighter in afternoon. Mild.

Mountain weather hazards on Monday 22 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Sunny	Clear night	Clear night
Precipitation probability					
80%	80%	40%	00%	00%	00%

Forecast for Monday 22 Feb 2021

Weather: Cloudy and murky with rain overnight. A cloudy morning with rain becoming heavier for a time, but gradually becoming drier and brighter in the afternoon. Dry with clear spells in evening but patchy mist and fog may form.

Chance of cloud free mountain/hill tops above 600m: 30% overnight and through the morning. Becoming 90% in afternoon.

Visibility: Areas of cloud above 400m overnight and in morning, then cloud lifting with good visibility at all levels.

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Mountain Weather Forecast

Forecast for Monday 22 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	11/14 W	12/16 W	11/15 W	10/13 SW	14/19 S	19/30 S
300	6/9 W	8/11 W	9/12 W	6/9 W	6/9 S	10/14 S	12/21 S
Valley	5/10 NW	6/11 W	6/11 W	5/10 W	3/7 S	6/14 SE	7/19 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/3	4/0	4/0	4/1	3/-0	4/-1	4/-2
300	6/5	6/3	6/4	7/5	6/4	6/3	5/1
Valley	7/5	6/4	7/5	8/7	6/5	5/3	5/2
Freezing Level*	1600m	1300m	1100m	1000m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild with light winds at all levels, but rather soggy ground in places after rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 22 Feb 2021	0mm	0mm	0mm

Forecast for Tuesday 23 Feb 2021

Weather: Dry with clear spells overnight and any mist and fog will clear as winds increase. Then a mostly dry and bright day, but cloud amounts will tend to increase with chance of rain in evening

Maximum wind: South or SW 30 gust 40mph by morning, increasing 40-50 gust 60mph over the tops in the morning

Chance of cloud free mountain/hill tops above 600m: 90% overnight and in morning. Becoming 40% in the afternoon and 20% later.

Visibility: Poor in mist and fog in early hours, otherwise mainly good with most cloud above the tops until late morning. Occasional broken cloud down to 600m in afternoon bringing poorer visibility at height at times, with more extensive cloud down to 500m in evening

Temperature: **Valleys:** Plus 6C rising to 13C.
At 600m: Plus 3 or 4C rising to plus 7C.
Freezing level: Above the summits.

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